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02-11-02
EL 84405574 US

PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. MI22-1943
First Inventor David L. Dickerson
Title Isolation Region Forming Methods
Express Mail Label No. EL 84405574 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 39]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - ☐ Computer Readable Form (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statements verifying identity of above copies

- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
- Oath or Declaration [Total Pages 4]
 - ☐ Newly executed (original or copy)
 - ☒ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

- ## ACCOMPANYING APPLICATION PARTS
- ☐ Assignment Papers (cover sheet & document(s))
 - ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
 - ☐ English Translation Document (if applicable)
 - ☒ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
 - ☒ Preliminary Amendment
 - ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
 - ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 - ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
 - ☒ Other: See I. in Addendum

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner A. Mai of prior application No. 09 146,838
Group Art Unit: 2814

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 021567
(Insert Customer No. or Attach bar code label here)

Name _____ or ☐ Correspondence address below

Address _____

City _____

Country _____ State _____ Zip Code _____

Telephone _____ Fax _____

Name (Print/Type) D. Brent Kenady

Signature [Signature] Registration No. (Attorney/Agent) 40,045

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Addendum

- i. Check for \$740.00; Marked-Up Version Showing Changes; and Drawings filed with original Specification (pgs. 1-15).

10071455-020902

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Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**FEE TRANSMITTAL**
for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 740.00)

Complete if Known

Application Number	Priority 09/146,838
Filing Date	Priority Sept. 3, 1998
First Named Inventor	David L. Dickerson et al.
Examiner Name	Priority A. Mai
Group Art Unit	Priority 2814
Attorney Docket No.	MI22-1943

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
Deposit Account Name

23-0925

Wells St. John P.S.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$ 740.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims Independent Claims	20	Extra Claims	-20** = 0	Fee from below	18	Fee Paid	0
Multiple Dependent Claims	3		-3** = 0		84		0
							0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	0.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for ex parte reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 400	216 200	Extension for reply within second month	0.00
117 920	217 460	Extension for reply within third month	0.00
118 1,440	218 720	Extension for reply within fourth month	0.00
128 1,960	228 980	Extension for reply within fifth month	0.00
119 320	219 160	Notice of Appeal	0.00
120 320	220 160	Filing a brief in support of an appeal	0.00
121 280	221 140	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,280	241 640	Petition to revive - unintentional	0.00
142 1,280	242 640	Utility issue fee (or reissue)	0.00
143 460	243 230	Design issue fee	0.00
144 620	244 310	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Processing fee under 37 CFR 1.17(q)	0.00
126 180	126 180	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
179 740	279 370	Request for Continued Examination (RCE)	0.00
169 900	169 900	Request for expedited examination of a design application	0.00
Other fee (specify)			0.00

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Name (Print/Type)

D. Brent Kenady

Signature

Registration No.
(Attorney/Agent)

40,045

Complete (if applicable)

Telephone

(509) 624-4276

Date

2-8-02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. 09/146,838
 Priority Filing Date September 3, 1998
 Inventor David L. Dickerson et al.
 Assignee Micron Technology, Inc.
 Priority Group Art Unit 2814
 Priority Examiner A. Mai
 Attorney's Docket No. MI22-1943
 TITLE: Isolation Region Forming Methods

Assistant Commissioner for Patents
 Washington, D. C. 20231
 Attention: Official Draftsman

2/ Formal
 drawing
 T. Steptoe
 4-19

SUBSTITUTE DRAWING REQUEST

Please enter the enclosed substitute formal drawings in the above-referenced application in place of drawings originally filed. The content of the drawings are identical to those now on file in this application.

Acknowledgment of receipt of the formal drawings and their acceptance into the file is requested.

Respectfully submitted,

Date: 2-8-02

By:

D. Brent Kenady

D. Brent Kenady

Reg. No.: 40,045

CUSTOMER NO. 021567

Enclosures: 15 Sheets of Formal Drawings, Figs. 1-29.